# Japan Process Development Co., Ltd. Financial Results Briefing

Year Ended May 31, 2016



#### **Contents**



1. Consolidated Financial Results for the Year Ended May 31, 2016

2. Efforts on the Year Ending May 31, 2017

3. Performance Targets for the Year Ending May 31, 2017

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## Outline of the Consolidated Financial Results for the Year Ended May 31, 2016



Uni	t: I	In M	illions	of Yen
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	Plan	Against plan	Actual	Year-on- year	Previous year
Not Sales	E 4E0	+168	E 610	-195	E 012
ivel Sales	Net Sales 5,450 +3.1%		3,010	-3.4%	5,813
Operating Income	(language Datia)	425	-62	487	
•		+15.1%	(7.6%)	-12.7%	(8.4%)
Ordinary Income	420	+59	479	-54	534
(Income Ratio)	(7.7%)	+14.1%	(8.5%)	-10.3%	(9.2%)
Current Net	295	+9	304	-5	310
Income (Income Ratio)	(5.4%)	+3.4%	(5.4%)	-1.7%	(5.3%)

## Overview of the Consolidated Financial Results for the Year Ended May 31, 2016 – 1 Year-on-year



#### **Net Sales**

-¥195M YOY (-3.4%)

IT Management Services grew significantly and Control Systems were firm, but net sales decreased for the overall company due to the completion of large-scale projects in the previous year for Particular Information Systems and Industrial & Public Information Systems

Operating Income

-¥62M YOY (-12.7%)

Operating income decreased because of putting in technicians in advance for Embedded Systems, as well as over-assignment due to rotation in Control Systems

Ordinary Income

-¥54M YOY (-10.3%)

Decreased due to reduced operating income

**Current Net Income** 

-¥5M YOY (-1.7%)

Decreased slightly due to reduced expenses such as corporate tax

## Overview of the Consolidated Financial Results for the Year Ended May 31, 2016 – 2 Against plan



#### **Net Sales**

+¥168M compared to plan (+3.1%)

Net sales were firm for Control Systems and Particular Information Systems with drastic growth in IT Management Services, despite the fact that some Embedded Systems development projects were suspended, causing results that were significantly below the plan

#### Operating Income

+¥55M compared to plan (+15.1%)

We planned to focus on advance technology acquisition and human resource development, but we did not realize our plan and the income ratio increased  $(6.8\% \rightarrow 7.6\%)$ 

#### **Ordinary Income**

+¥59M compared to plan (+14.1%)

Increased due to increased operating income (7.7%→8.5%)

**Current Net Income** 

+¥9M compared to plan (+3.4%)

Due to offsetting of subsidiary merger profits

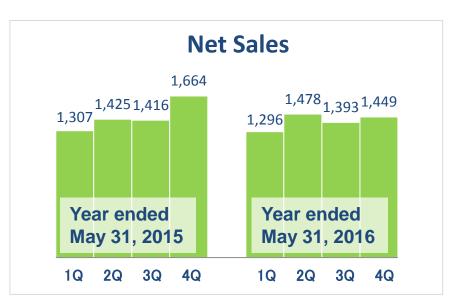
## Overview of the Consolidated Financial Results for the Year Ended May 31, 2016 - 2

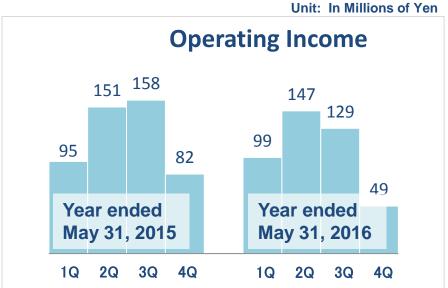
#### [Major topics]

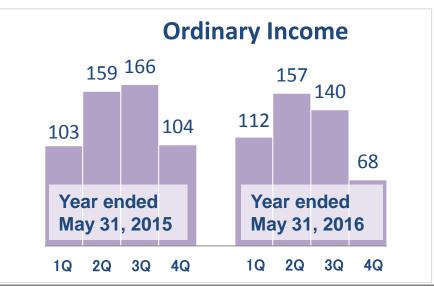
- We are carrying out strategic actions for self-driving for automobiles, a field of focus
- Regarding the IoT, we have joined specialist associations and conventions (including security) and are continuously gathering information and implementing working group activities
- We are focusing on investing in human resources as a priority, including advance technology acquisition for further growth, but did not realize our plan
- We are continually donating to two groups and making contributions for relief after the Kumamoto Earthquake as one facet of CSR

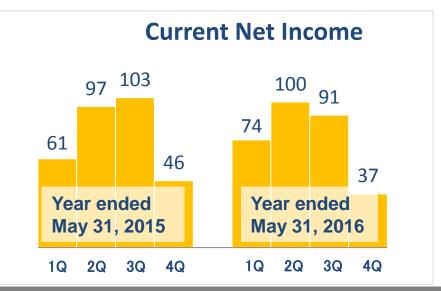
## Overview of Consolidated Financial Results (Performance Trend by Quarter)





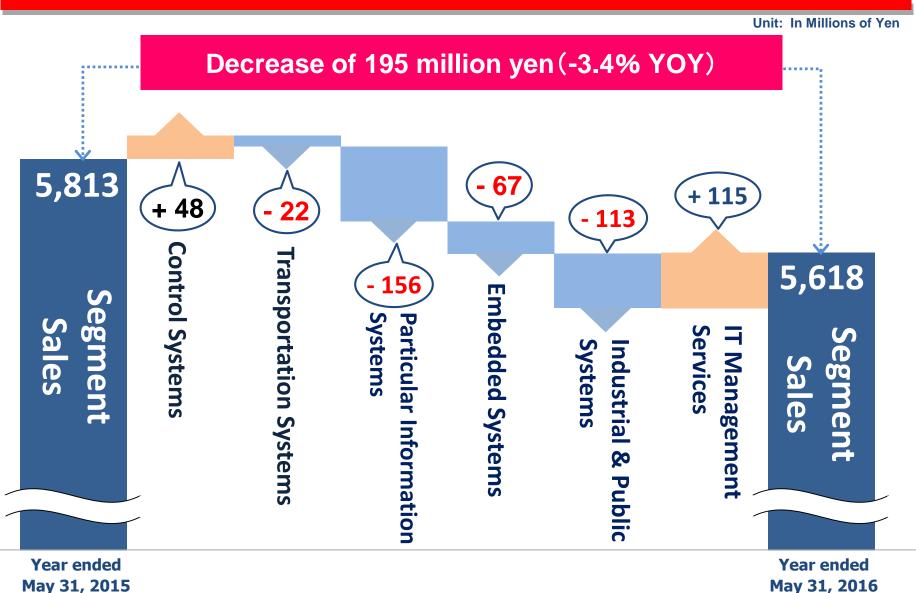






## Changes in Sales by Segment in the Year Ended May 31,2016



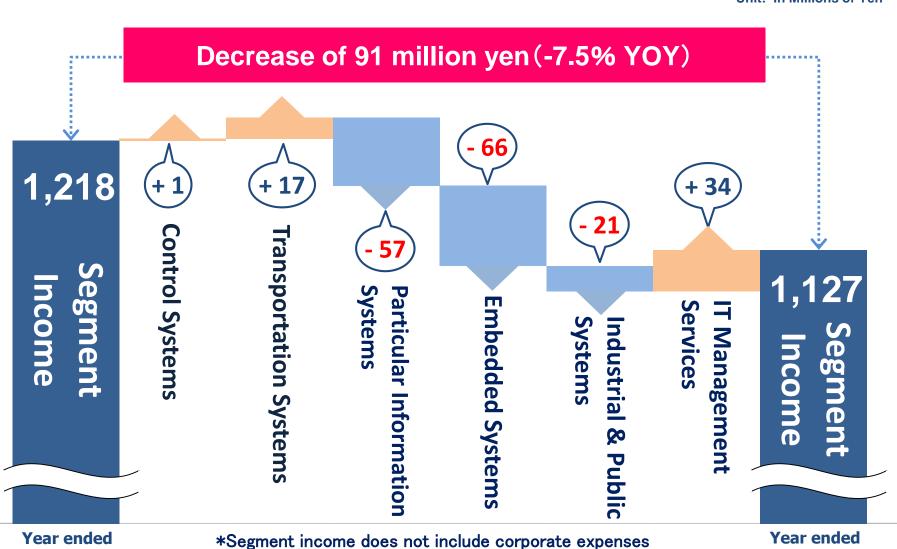


## Changes in Profits by Segment in the Year Ended May 31,2016

May 31, 2015



Unit: In Millions of Yen



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that have not been allocated to the segments.

May 31, 2016



### Control Systems

- ●In the energy field, we began energy management system (EMS) development
- In the automotive field, we shifted from engine control to continuously variable transmission (CVT), and performance is strong
- Rotation of technicians led to over-assignment, resulting in decreased efficiency
- Performance was favorable for driving safety support system development

**Unit: In Millions of Yen** 

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
<b>Control Systems</b>	Net Sales	1,000	1,048	<b>+48</b> (+4.8%)
	Income	<b>214</b> (21.4%)		

\*Segment income does not include corporate expenses that have not been allocated to the segments.



### Transportation Systems

- Traffic management system performance was firm, although development periods were delayed for some
- The maintenance phase continues for Shinkansen, and performance remains unchanged
- Overseas railroad projects entered the test phase, shrinking the structure
- Profits improved due to the completion of the handling of defects

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
Transportation	Net Sales	546	524	<b>-22</b> (-4.0%)
Systems	Income	<b>77</b> (14.1%)	<b>95</b> (18.1%)	+ <b>17</b> (+23.2%)

<sup>\*</sup>Segment income does not include corporate expenses that have not been allocated to the segments.



### Particular Information Systems

- Sales decreased for both the risk management and geographical information fields due to the completion of large-scale projects in the previous year
- Performance was favorable due to the receipt of an automobile driving safety support system development project utilizing image analysis technology

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
Particular	Net Sales	663	506	<b>-156</b> (-23.6%)
Information Systems	Income	<b>159</b> (24.0%)		

<sup>\*</sup>Segment income does not include corporate expenses that have not been allocated to the segments.



## **Embedded Systems**

- In the in-car information system field, sales decreased due to some suspended development projects, and profit decreased because of putting in technicians in advance
- SSD storage devices were strong for consumers and corporate customers
- We started transactions with new customers towards medical care and IoT

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
Embedded Systems	Net Sales	1,321	1,253	<b>-67</b> (-5.1%)
	Income	<b>307</b> (23.3%)		<b>-66</b> (-21.8%)

<sup>\*</sup>Segment income does not include corporate expenses that have not been allocated to the segments.



### Industrial & Public Systems

- Sales decreased significantly due to the completion of large sports projects in the previous period
- Performance was favorable for the Quasi-Zenith Satellite System, which entered the test phase
- The work amount increased for station service equipment development, including development and reconstruction projects
- Engineering services for railroad subsidiaries decreased

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
Industrial & Public	Net Sales	1,378	1,265	<b>-113</b> (-8.2%)
Systems	Income	<b>313</b> (22.7%)		

<sup>\*</sup>Segment income does not include corporate expenses that have not been allocated to the segments.



### IT Management Services

- Validation services for digital devices were strong
- Architecture services for the financial industry were strong
- The maintenance/operation services structure expanded with renovation of the customer's in-house information system
- Accounting systems were strong due to the start of new development

Business Segment		Year ended May 31, 2015 (Income Ratio)	Year ended May 31, 2016 (Income Ratio)	Change (Percentage of change)
IT Management Services	Net Sales	903	1,019	<b>+115</b> (+12.8%)
	Income	<b>147</b> (16.3%)		+34 (+23.4%)

<sup>\*</sup>Segment income does not include corporate expenses that have not been allocated to the segments.

#### Consolidated Financial Statements JAPAN PROCESS **DEVELOPMENT CO.,LTD.**

Unit: In Millions of Yen

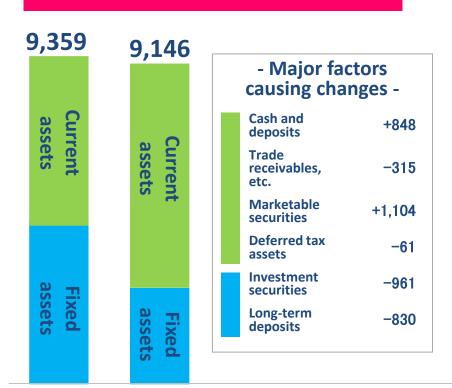
#### **Assets**

#### **Total liabilities and net assets**

Assets: Decrease of 212 million yen

Liabilities: Decrease of 396 million yen

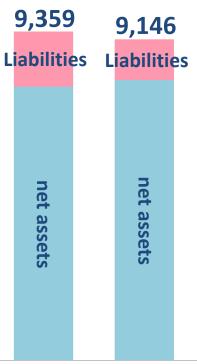
Net assets: Increase of 184 million yen

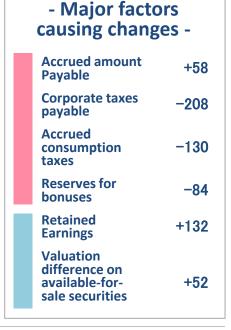


Year ended

May 31, 2015 May 31, 2016

Year ended





Year ended Year ended

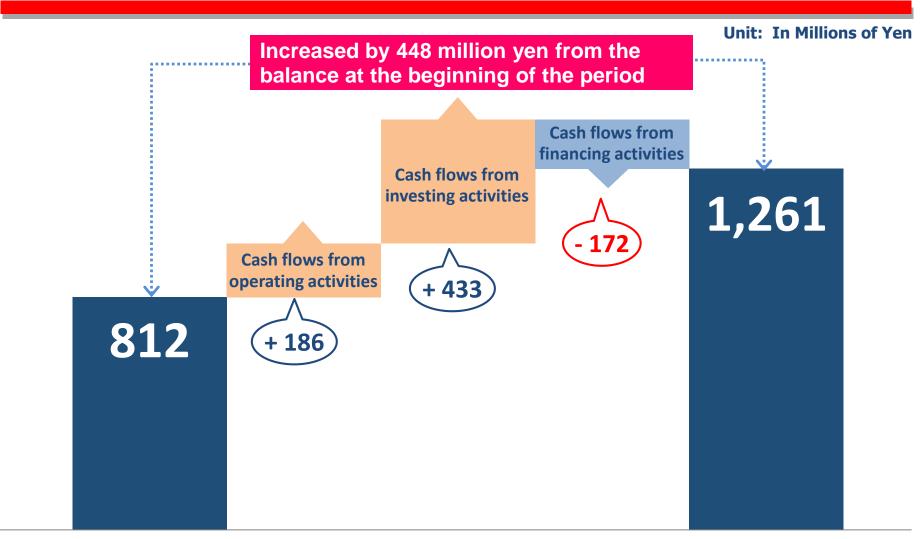
## **Financial Indicators (Other)**



	Year ended May 31, 2015	Year ended May 31, 2016
Net Assets	¥7,827M	¥8,011M
Net Assets per Share	¥1,590.07	¥1,627.58
Net Income per Share	¥61.45	¥61.94
Capital-to-assets Ratio	83.6%	87.6%
Treasury Shares	822,634shares	822,634shares
No. of employees	561	550

### **Consolidated Cash Flows**





Cash and cash equivalents at beginning of period

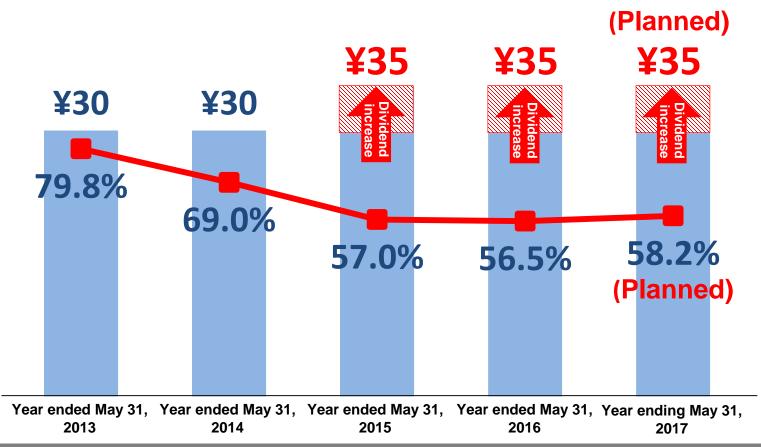
Cash and cash equivalents at end of period

### **Trend in Shareholder Dividends**



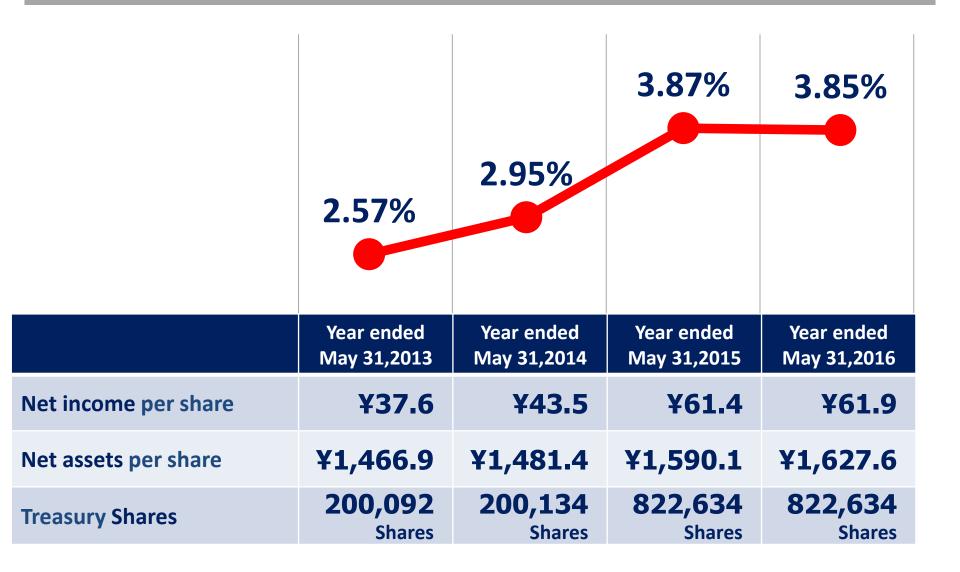
## **Dividend Policy**

(1) Continuation of stable dividends (2) Target of 50% or higher dividend ratio



## Trend in Return on Equity (ROE)





#### **Contents**



1. Consolidated Financial Results for the Year Ended May 31, 2016

2. Efforts on the Year Ending May 31, 2017

 Performance Targets for the Year Ending May 31, 2017



#### Vision of the 4th Medium-Term Business Plan

To contribute to safety, security, comfort and convenience in the social infrastructure field

#### Basic Policy of the 4th Medium-Term Business Plan

- 1. Focus efforts on the next core businesses
  - (1) Invest in IoT, vehicles, and environment/energy
  - (2) Accommodate clients' overseas expansion
  - (3) Plow deep into and expand existing fields
- 2. Invest in human resources as a priority
- 3. Restructure efforts on T-SES \*T-SES: Total Software Engineering Service

1. Focus efforts on the next core businesses



#### [Aims of the 4th Medium-Term Business Plan]

◆ <u>Spread of industrial Internet</u>

The U.S. General Electric Company's (GE) strategy is to bolster competitiveness in aiming to achieve a service that "repairs before breakdown" by connecting via the Internet equipment



IoT

◆ <u>Acceleration of vehicle electrification and informatization</u>

Growing needs of vehicles that lead to safe driving support



**Vehicles** 

- Progress of medium- to long-term Smart-C efforts
- Energy-conserving and renewable-energy efforts since 3.11
- Progress of separating electrical power production from power distribution/transmission



Environment / Energy

## Efforts on the Year Ending May 31, 2017 -3 Expanding the automotive field



In-car control
system (powertrain, + body, etc.)

In-car information system (car navigation, telematics, etc.)

In-car camera
Image recognition
system

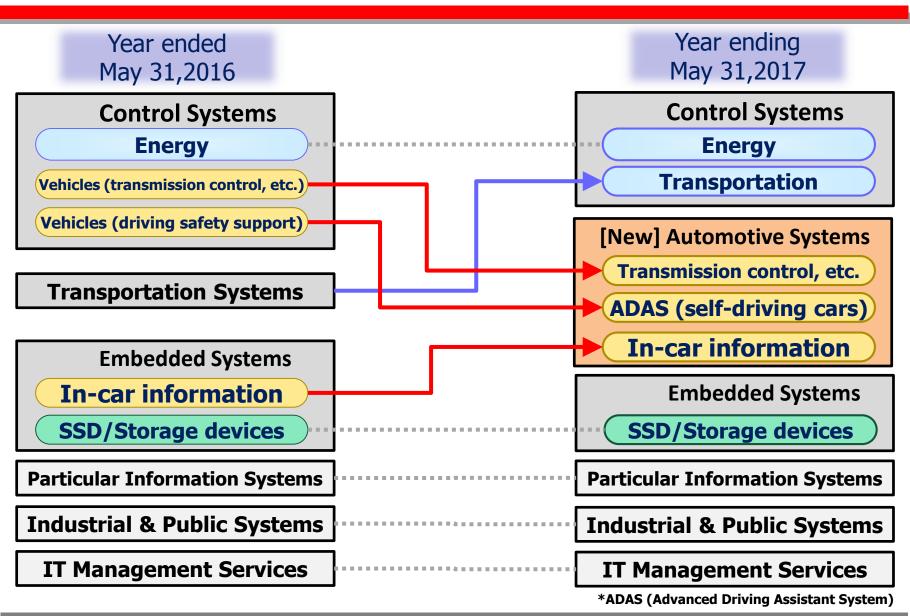
#### **Establishing the new Automotive System Business Division**

We will aim to help customers strengthen their presence by leveraging our extensive automobile-related technologies.

In the future, we will further concentrate our efforts towards self-driving cars

## Changes to Segments





#### 1. Focus efforts on the next core businesses



Time is still required for developing Japan's IoT and environment/energy fields

◆ Spread of industrial Internet

The U.S. General Electric Company's (GE) strategy is to bolster competitiveness in aiming to achieve a service that "repairs before breakdown" by connecting via the Internet equipment



TOI

- Progress of medium- to long-term Smart-C efforts
  - Energy-conserving and renewable-energy efforts since 3.11
  - Progress of separating electrical power production from power distribution/transmission



Environment / Energy

- 1) Researching where business opportunities exist
- 2) Accumulating practical experience, even for small projects
- 3) Ascertaining which technologies are required and proactively acquiring them in advance



#### **Background**

- Expanding into overseas markets is a must since the domestic market is saturated
- The social infrastructure is emphasizing overseas exports publicly and privately (in all aspects)
- Clients must also be able to compete globally

- Continue to expand overseas together with clients
- Learn about global standards, functional safety, etc., to compete overseas
- Promote packaging and offshoring
- Acquire skills to be able to conduct business directly with overseas companies (Skills to read/write business and technical documents rather than English conversation)

## Efforts on the Year Ending May 31, 2017 -6 Plow deep into and expand existing fields



#### **Initiatives in Period 50**

- 1) Expanding transactions with existing customers
  - Expanding transactions, such as proposals for the overall success of customers' projects
- 2) Developing new customers based on our fields of expertise and the technologies that are our strengths
  - It is important to develop more new customers exactly when our main businesses are secure
  - We must constantly develop new customers because of short lifecycles for embedded products in particular
- 3) After acquiring a customer, we will expand the scale aiming towards our next core businesses
  - We will aim to expand to the BU scale, even when starting with small projects



#### Vision of the 4th Medium-Term Business Plan

To contribute to safety, security, comfort and convenience in the social infrastructure field

#### Basic Policy of the 4th Medium-Term Business Plan

- 1. Focus efforts on the next core businesses
  - (1) Invest in IoT, vehicles, and environment/energy
  - (2) Accommodate clients' overseas expansion
  - (3) Plow deep into and expand existing fields
- 2. Invest in human resources as a priority
- 3. Restructure efforts on T-SES

#### 2. Invest in human resources as a priority



## Policy on Investing in Human Resources as a Priority (Continuing Objectives from Period 49) [Recruitment]

- New graduates and mid-career hires must together account for 10% of all employees
   ⇒40 new graduates → 50 in the last fiscal year,
  - 10 mid-career hires → 15 in the last fiscal year
- Employ 30% of mid-career hires at the Head Office (employment expenses are borne by the Head Office), where they are members of business divisions
  - ⇒Employment by the Head Office focuses on young employees with some job experience and advanced technicians
- Strengthen the recruiter system and adopt/implement a new recruiting method

#### [Education]

- Double the amount of the current education-related costs (Invest roughly 3.5% of sales)
- Aim to conduct an <u>average of 50 hours of education per year for each person</u> in business divisions (In the past, the average was 25 hours per person)



#### Vision of the 4th Medium-Term Business Plan

To contribute to safety, security, comfort and convenience in the social infrastructure field

#### Basic Policy of the 4th Medium-Term Business Plan

- 1. Focus efforts on the next core businesses
  - (1) Invest in IoT, vehicles, and environment/energy
  - (2) Accommodate clients' overseas expansion
  - (3) Plow deep into and expand existing fields
- 2. Invest in human resources as a priority
- 3. Restructure efforts on T-SES

#### 3. Restructure efforts on T-SES



#### (1) Redefine T-SES

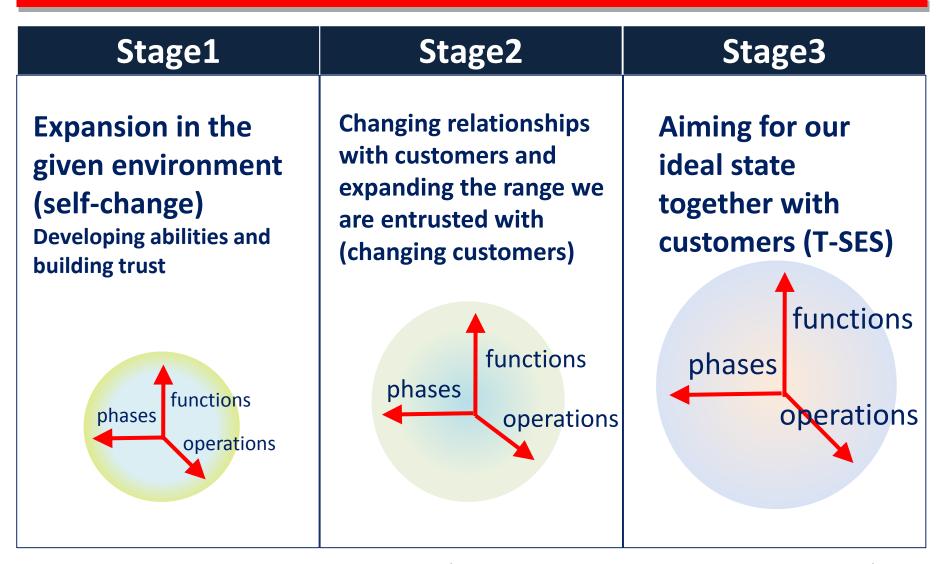
To guide clients (or end users) in making proper decisions on specifications and undertake everything consistently until completion after such decisions are made, in accordance with the knowledge JPD itself has.

#### (2) Reconstruct initiatives

- (1) Set a T-SES target field for each business unit (BU) and clarify the stance to be taken upon achieving it.
- (2) Set the 3 axes of functions, phases, and operations to beattained each fiscal year in the current medium-term business plan as well as the scope of control of each.
- (3) Determine specific actions for achievement and the method of measuring the outcome.
- (4) Operate the PDS cycle in accordance with the plan.

#### 3. Restructure efforts on T-SES





Expanding the control range for each of the three axes (passive state → state of autonomously carrying things through )

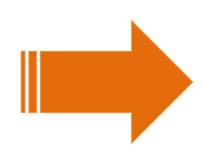
#### 3. Restructure efforts on T-SES



#### From Stage2 to Stage3

### Stage2

Changing relationships with customers and expanding the range we are entrusted with (changing customers)



#### Stage3

Aiming for our ideal state together with customers (T-SES)

#### [Transportation Systems]

 Several tracking control systems are successful, but issues are evident. We will propose improvement measures to customers.

#### [Particular Information Systems]

• We will <u>propose frameworks</u> for object-oriented designs in next-period development projects. Customers will decide whether to adopt them.

#### **Contents**



1. Consolidated Financial Results for the Year Ended May 31, 2016

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3. Performance Targets for the Year Ending May 31, 2017

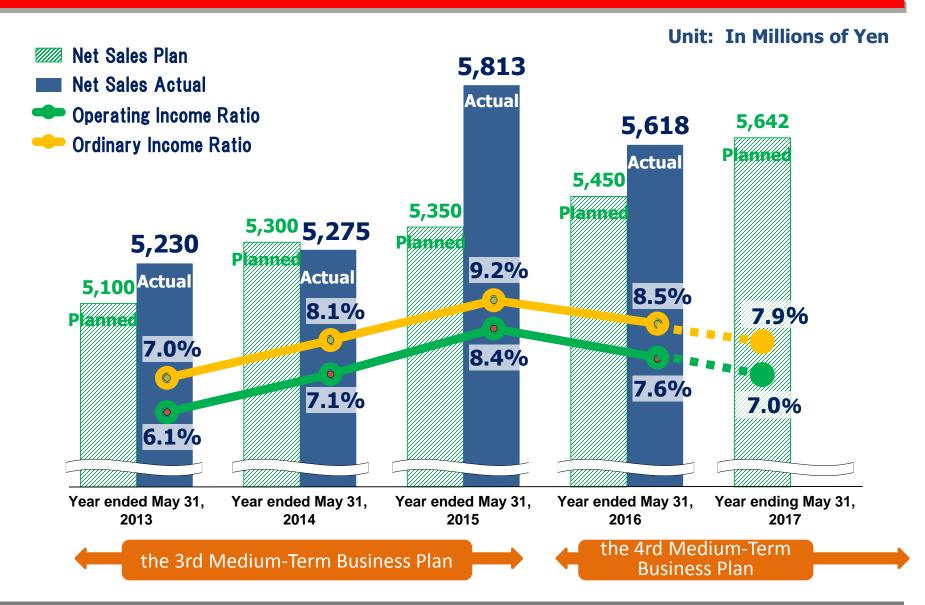
## Planned Numerical Consolidated Targets for the Year Ending May 31, 2017



	Year ended May 31, 2016 [Actual]	Year ending May 31, 2017 [Plan]	Change (Percentage of Change)
Net Sales	5,618	5,642	+23 (+0.4%)
Operating Income (Income Ratio)	<b>425</b> (7.6%)	<b>393</b> (7.0%)	<b>-32</b> (-7.7%)
Ordinary Income (Income Ratio)	<b>479</b> (8.5%)	<b>446</b> (7.9%)	-33 (-7.0%)
Current Net Income (Income Ratio)	<b>304</b> (5.4%)	<b>296</b> (5.2%)	<b>-8</b> (-2.9%)

## **Trend in Consolidated Figures**





## In Closing



# We will contribute to safety, security, comfort and convenience in the social infrastructure field.

#### **Disclaimer**

This material contains "forward-looking statements" based on current forecasts and assumptions. Japan Process Development Co., Ltd. in no way warrants the realization of such forward-looking statements, which are subject to risks and uncertainties that could cause actual outcomes and results to differ from these statements.

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